

Special Session
on
Soft Computing for Image Processing
In conjugation with
Soft Computing for Problem Solving-2014
27-29 Dec 2014
NIT Silchar, Assam

CALL FOR PAPERS

During the past decade, soft computing has emerged as potential candidates for solving complex and intricate global optimization problems which are otherwise difficult to solve by traditional methods. Presently Image Processing field have very challenging problems. Researchers are applying soft computing techniques for solving image processing problems. Some popular soft computing techniques for Global Optimization include Genetic Algorithms (GA), Differential Evolution (DE), Ant Colony Optimization (ACO), Particle Swarm Optimization (PSO), Artificial Bee Colony (ABC), Firefly Algorithm (FFA) algorithm etc. These methods have been successfully applied to a wide range of benchmark and real-world application problems. This special session seeks to bring forward and highlight applications of soft computing for image processing. Applications of soft computing techniques for image segmentation, watermarking, image enhancement, image compression have applied successfully and researchers are working for accepting new challenges. Authors are invited to submit their original and unpublished work to this Special Session. Topics of interest include, but are not limited to:

- Application of soft computing techniques like Fuzzy Logic, ANN, Evolutionary Algorithms, Swarm Intelligence and other Nature Inspired Algorithms for different aspects of image processing like
 - Image segmentation
 - Image registration
 - Image enhancement
 - Image compression
 - Stegnography
 - Processing of B/W and Color Image

- IR imaging
- Medical Imaging
- Satellite Imaging
- Image Processing in Defence

Submission of Papers

Papers are invited from prospective authors with interests in this particular special session and related areas of applications. All contributions should be original and not published elsewhere or intended to be published during the review period. Prospective authors are invited to submit their papers through easy chair submission process.

<http://www.easychair.org/conferences/?conf=socpros2014>

You are requested to help us for a wide circulation of this mail to your research community/ research group.

For more details, kindly visit the conference website. <http://www.socpros14.scrs.in/>

Important Dates

Paper Submission:	May 31, 2014
Notification of Acceptance:	July 20, 2014
Camera-ready Submission:	August 10, 2014
Registration:	September 30, 2014

Session Chairs

Sushil Kumar,
Indian Institute of Technology Roorkee,
e-mail: e-mail-kumarsushiliitr@gmail.com

Moh.Irshad,
Indian Institute of Technology Roorkee, Uttarakhand, India,
e-mail: 01.irshad@gmail.com